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1 Proceedings of the 2000 ACM/IEEE conference on Supercomputing (CDROM)
Jed Donnelley
November 2000 **Supercomputing '00:** Proceedings of the 2000 ACM/IEEE conference on Supercomputing (CDROM)
Publisher: IEEE Computer Society
Additional Information: full citation, index terms
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2 Business-to-business interactions: issues and enabling technologies
B. Medjahed, B. Benatallah, A. Bouguettaya, A. H. H. Ngu, A. K. Elmagarmid
May 2003 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 12 Issue 1
Publisher: Springer-Verlag New York, Inc.
Full text available: 📄 pdf (558.34 KB) Additional Information: full citation, abstract, references, cited by, index terms
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Business-to-Business (B2B) technologies pre-date the Web. They have existed for at least as long as the Internet. B2B applications were among the first to take advantage of advances in computer networking. The Electronic Data Interchange (EDI) business …

Keywords: B2B Interactions, Components, E-commerce, EDI, Web services, Workflows, XML

3 First experiences using XACML for access control in distributed systems

Markus Lorch, Seth Proctor, Rebekah Lepro, Dennis Kafura, Sumit Shah

October 2003 **XMLSEC '03:** Proceedings of the 2003 ACM workshop on XML security

Publisher: ACM ◇ Request Permissions

Full text available: 📄 Pdf (459.30 KB)

Additional Information: full citation, abstract, references, cited by, index terms, review

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 205, Citation Count: 16

Authorization systems today are increasingly complex. They span domains of administration, rely on many different authentication sources, and manage permissions that can be as complex as the system itself. Worse still, while there are many standards ...

Keywords: access control decision, access control enforcement, authorization, distributed system security, policy language, policy management

4 UDDI and WSDL extensions for Web service: a security framework

Carlisle Adams, Sharon Boeyen

November 2002 **XMLSEC '02:** Proceedings of the 2002 ACM workshop on XML security

Publisher: ACM ◇ Request Permissions

Full text available: 📄 Pdf (91.22 KB)

Additional Information: full citation, abstract, references, cited by, index terms, review

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 117, Citation Count: 2

This paper outlines a framework for implementing security for Web Services by extending UDDI and WSDL. The framework includes security of UDDI itself, security of Web services transactions, and linkages with existing infrastructures outside UDDI. Extensions ...

Keywords: UDDI, WSDL, XML schema, security, standards

5 Semantically driven service interoperability for pervasive computing

Declan O'Sullivan, David Lewis

September 2003 **MobiDe '03:** Proceedings of the 3rd ACM international workshop on Data engineering for wireless and mobile access

Publisher: ACM ◇ Request Permissions

Full text available: 📄 Pdf (179.45 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 118, Citation Count: 5

The common vision of pervasive computing environments requires a very large range of devices and software components to interoperate seamlessly. From the assumption that these devices and associated software permeate the fabric of everyday life, a massive ...

Keywords: DAML-S, pervasive computing, semantic interoperability, service composition, topic maps

6 The eXtensible Rule Markup Language

Jae Kyu Lee, Mye M. Sohn

May 2003 **Communications of the ACM** , Volume 46 Issue 5

Publisher: ACM Request Permissions

Additional Information: full citation, abstract, references, cited by, index terms

Full text available: Html (31.16 KB), Pdf (214.70 KB)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 113, Citation Count: 7

XRML explicates the rules implicitly embedded in Web pages, enabling software agents to process the rules automatically.

7 SweetDeal: representing agent contracts with exceptions using XML rules, ontologies, and process descriptions

Benjamin N. Grosof, Terrence C. Poon

May 2003 **WWW '03:** Proceedings of the 12th international conference on World Wide Web

Publisher: ACM

Full text available: Pdf (481.94 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 56, Citation Count: 23

SweetDeal is a rule-based approach to representation of business contracts that enables software agents to create, evaluate, negotiate, and execute contracts with substantial automation and modularity. It builds upon the situated courteous logic programs ...

Keywords: DAML+OIL, OWL, RDF, XML, business process automation, declarative, description logic, electronic commerce, electronic contracts, intelligent software agents, knowledge representation, knowledge-based, logic programs, ontologies, process descriptions, process knowledge, rules, semantic web, semantic web services, web services